

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("5929513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 08:36
L2	1	"5227662".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:37
L5	1	"6388336".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L6	1	"6355502".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L7	1	"6294100".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L8	1	"6242281".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L9	1	"6229200".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:41
L10	1	"6143981".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:41
L11	1	"6060768".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:42
L12	1	"5834830".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:43

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L1	3	("5929513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 08:36
L2	1	"5227662".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:37
L5	1	"6388336".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L6	1	"6355502".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L7	1	"6294100".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L8	1	"6242281".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:40
L9	1	"6229200".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:41
L10	1	"6143981".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:41
L11	1	"6060768".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:42
L12	1	"5834830".PN.	USPAT; USOCR	OR	ON	2005/01/05 08:43

L21	563	(0008305 "0011654 "0014538 "0024122 "0027297 "0140061 "0140068 "0163015 "0030131 "0073265 "2596993 "3909838 "3435815 "3734660 "3838984 "4054238 "4189342 "4258381 "4289922 "4301464 "4332537 "4417266 "4451224 "4530152 "4541003 "4646710 "4707724 "4727633 "4737839 "4756080 "4812896 "4862245 "4862246 "4907067 "4920074 "4935803 "4942454 "4987475 "5818105 "5018003 "5029386 "5041902 "5057900 "5059379 "5065223 "5070039 "5087961 "5091341 "5096852 "5118298 "5151039 "5157475 "5157480 "5168368 "5172213 "5172214 "5175060 "5200362 "5200809 "5214845 "5216278 "5218231 "5221642 "5250841 "5252853 "5258094 "5266834 "5273938 "5277972 "5278446 "5279029 "5281849 "5294897 "5327008 "5332864 "5335771 "5336931 "5343076 "5358905 "5365106 "5381042 "5391439 "5406124 "5410180 "5414299 "5424576 "5428248 "5435057 "5444301 "5452511 "5454905 "5474958 "5484274 "5493151 "5508556 "5517056 "5521429 "5528076 "5534467 "5539251 "5543657 "5544412 "5545923 "5581122 "5592019 "5592025 "5594274 "5595934 "5604376 "5608267 "5625222 "5633528 "5639990 "5640047 "5641997 "5643433 "5644169 "5646831 "5650663 "5661088 "5665996 "5673479 "5683806 "5689135 "5696666 "5701034 "5703407 "5710064 "5723899 "5724233 "5736432 "5745984 "5753532 "5753977 "5766972 "5770888 "5776798 "5783861 "5801440 "5814877 "5814881 "5814883 "5814884 "5817540 "5821457 "5821615 "5834830 "5835988 "5844306 "5856911 "5859471 "5866939 "5871782 "5874784 "5877043 "5886397 "5886398 "5894108 "5897339 "5900676 "5903049 "5903050 "5909053 "5915998 "5917242 "5939779 "5942794 "5951305 "5959356 "5969426 "5973388 "5976912 "5977613 "5977615 "5977630 "5981314 "5986333 "5986885 "6081029 "6157074 "6229200 "6239487 "6291881 "6001671 "6013947 "6018189 "6020625 "6025640 "6031279 "6034423 "6040626 "6043430 "6060768 "6060769 "6072228 "6075284 "6084210 "6087715 "6089428 "6100594 "6113174 "6118174 "6118184 "6130115 "6130473 "6133623 "6140154 "6143981"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 08:58
Search History	1/5/05 9:42 AM C:\Documents and Settings\leR0M\My Documents\ASTRA\Workspaces\Packaging, Flip Chip, BGA, Solder Ball, Bonding Pad, and Test					

L22	42	@ad<="20001013" and 'semiconductor package' and 'lead frame' and 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L23	1	"6002178".PN.	USPAT; USOCR	OR	ON	2005/01/05 09:20
L24	1	"5959347".PN.	USPAT; USOCR	OR	ON	2005/01/05 09:20
L25	1	"5952725".PN.	USPAT; USOCR	OR	ON	2005/01/05 09:20
L26	1	"5917242".PN.	USPAT; USOCR	OR	ON	2005/01/05 09:20
L27	1	"5793108".PN.	USPAT; USOCR	OR	ON	2005/01/05 09:21
L28	2811	@ad<="19991216" and (257/666).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:21
L29	238	@ad<="19991216" and (257/672).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:21
L30	1554	@ad<="19991216" and (257/676).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L31	674	@ad<="19991216" and (257/e23.039).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L32	1128	@ad<="19991216" and (257/692).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L33	349	@ad<="19991216" and (257/670).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L34	571	@ad<="19991216" and (257/677).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
L36	184	@ad<="20001013" and 'lead frame' and ('chip' or 'IC') and 'seal' and 'tie bar'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:29

L37	10	@ad<="20001013" and 'lead frame' and ('chip' or 'IC') and 'seal' and 'tie bar' and 'notch'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:25
L38	184	@ad<="20001013" and 'lead frame' and ('chip' or 'IC') and 'seal' and 'tie bar' and 'lead'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:29
S1	2	"20040056338"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:03
S2	3	"6639308"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 09:40
S3	1	"6388336".PN.	USPAT	OR	OFF	2004/10/06 09:45
S4	2809	@ad<="19991216" and (257/666).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:21
S5	238	@ad<="19991216" and (257/672).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:21
S6	1553	@ad<="19991216" and (257/676).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
S7	673	@ad<="19991216" and (257/e23.039).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
S8	1127	@ad<="19991216" and (257/692).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
S9	200	@ad<="19991216" and (438/111).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:06
S10	570	@ad<="19991216" and (438/123).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:06

S11	348	@ad<="19991216" and (257/670).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
S12	571	@ad<="19991216" and (257/677).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:22
S13	99	@ad<="19991216" and (257/e23.141).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:10
S14	915	@ad<="19991216" and (257/e23.043).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:11
S15	52	@ad<="19991216" and (257/e23.045).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:11
S16	24	@ad<="19991216" and (257/e23.05).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:11
S17	330	@ad<="19991216" and (257/e23.052).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:12
S18	303	@ad<="19991216" and (257/e23.066).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:12
S19	83	@ad<="19991216" and (257/666).ccls. and 'lead frame' and 'notch'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:13
S20	559	@ad<="19991216" and (361/813).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:21
S21	76	@ad<="19991216" and 'lead frame' and 'tie bar' and 'notch'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 10:58

S22	2	@ad<="19991216" and 'chip' same 'lead frame' and 'various' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:01
S23	2	("6239487").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/06 11:00
S24	2	@ad<="19991216" and 'lead frame' and 'various' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:37
S25	164	@ad<="19991216" and 'lead frame' and 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S26	57	@ad<="19991216" and 'lead frame' same 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S27	37	@ad<="19991216" and 'semiconductor package' and 'lead frame' and 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 08:58
S28	23	@ad<="19991216" and 'lead frame' same 'variable' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S29	108	@ad<="19991216" and 'lead frame' with 'flange'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S30	120	@ad<="19991216" and 'semiconductor package' and 'leadframe' with 'step'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:29
S31	1	@ad<="19991216" and 'leadframe' and 'various' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:37
S32	31	@ad<="19991216" and 'leadframe' and 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38

S33	11	@ad<="19991216" and 'leadframe' same 'different' with 'chip' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S34	5	@ad<="19991216" and 'leadframe' same 'variable' with 'size'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S35	11	@ad<="19991216" and 'leadframe' with 'flange'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/06 11:38
S36	1	"4258381".PN.	USPAT	OR	OFF	2004/10/06 12:34
S37	1	"5065223".PN.	USPAT	OR	OFF	2004/10/06 12:34
S38	1	"5703407".PN.	USPAT	OR	OFF	2004/10/06 12:34
S39	1	"5753977".PN.	USPAT	OR	OFF	2004/10/06 12:36
S40	1	"5834830".PN.	USPAT	OR	OFF	2004/10/06 12:37
S41	1	"6060768".PN.	USPAT	OR	OFF	2004/10/06 12:37
S42	1	"6143981".PN.	USPAT	OR	OFF	2004/10/06 12:38
S43	1	"6229200".PN.	USPAT	OR	OFF	2004/10/06 12:38
S44	1	"6242281".PN.	USPAT	OR	OFF	2004/10/06 12:39
S45	1	"6294100".PN.	USPAT	OR	OFF	2004/10/06 12:39
S46	1	"6355502".PN.	USPAT	OR	OFF	2004/10/06 12:40
S47	1	"6355502".PN.	USPAT	OR	OFF	2004/10/06 12:40
S48	1	"6020625".PN.	USPAT	OR	OFF	2004/10/06 12:59
S49	1	"6020625".PN.	USPAT	OR	OFF	2004/10/06 12:59
S50	1	"5949138".PN.	USPAT	OR	OFF	2004/10/06 13:00
S51	1	"5929514".PN.	USPAT	OR	OFF	2004/10/06 13:01
S52	1	"5898220".PN.	USPAT	OR	OFF	2004/10/06 13:02